

Memorandum

Date: July 8, 2008

To: Central Valley Flood Protection Board
The Resources Agency – State of California
3310 El Camino Avenue, Room LL 40
Sacramento, California 95821

From: Terri Wegener, P.E., Chief
Statewide Grants Branch
Flood Projects Office
Department of Water Resources

Subject: Proposed Assembly Bill 1147 Regulations

Attached is a copy of the proposed regulations implementing the requirements of Assembly Bill 1147 (AB 1147)

The Board requested these regulations during a presentation on AB1147 at the June 20, 2008 Board meeting. In addition, the Board requested a discussion of the Board's role in implementing the requirements of AB1147 at the July meeting.

At the June 20 meeting, the following points were presented:

- The Department of Water Resources is in the process of developing regulations to implement the requirements of AB1147. The Assembly Bill was intended to promote the development of multi-objective flood control projects.
- AB1147 revised the level of State financial assistance (State cost share) for federal flood management projects authorized on or after January 1, 2002.
- Previous to AB1147, the State cost share of nonfederal costs was fixed at 70 percent. AB1147 revised the State cost share to a minimum 50 percent cost share with the potential of up to an additional 20 percent cost share.
- The additional percent cost share would be based upon the project's contribution to any of the five objectives: (1) habitat, (2) open space, (3) recreational opportunities, (4) communities at or near poverty level, and (5) State transportation and/or water supply facilities.
- The Department of Water Resources (DWR) was mandated to develop criteria for determining the project's level of contribution to the five objectives. These criteria are the basis of the proposed AB1147 regulations.

- DWR is requesting public review and comment on the proposed regulations. The minimum 45 day public comment period ends on July 28. Comments will also be accepted at a public hearing scheduled on July 29, 2008.
- In the June 2008 Board package, the Board received a copy of the Initial Statement of Reasons that included the proposed regulatory language, in addition to the alternatives considered and the reasons for the selected language.

At the July 18th meeting, staff will present the Board's role in relation to the proposed regulations, and discuss any questions regarding the proposed regulations.

Thank you for your consideration of this matter. If you have any questions or concerns related to the proposed regulations, you may contact me by email at twegener@water.ca.gov or by phone at (916) 574-1351.

Attachment: AB 1147 Regulations

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
1416 9TH STREET
SACRAMENTO, CA 95814

DIVISION 6, PART 6, CHAPTER 1, ARTICLE 3, OF THE CALIFORNIA CODE OF
REGULATIONS
REGARDING FINANCIAL ASSISTANCE FOR FLOOD MANAGEMENT PROJECTS
AND SMALL FLOOD MANAGEMENT PROJECTS

AB1147 Draft Regulations

Proposed Text of Regulations
In Title 23, California Code of Regulations, Division 2
Add Chapter 3.5, Sections 570 through 577 inclusive, to read as follows:

CALIFORNIA CODE OF REGULATIONS
BARCLAY'S OFFICIAL CALIFORNIA CODE OF REGULATIONS

Title 23. Waters
Division 2. Department of Water Resources
Chapter 3.5. Financial Assistance for Flood Management Projects and
Small Flood Management Projects

Section 570. Scope

These regulations implement Water Code Sections 12582.7, 12585.7 and 12585.9, which became effective on January 1, 2001, by establishing a process for determining the percentage of State financial assistance for flood management projects authorized by the Legislature on or after January 1, 2002.

Note: Authority: Water Code Sections 12585.7, 12585.9 and 12601.
Reference: Water Code Sections 12582.7 and 12585.7.

Section 571. Definitions

The following terms used in these regulations have the meanings set forth below:

- (a) "Average family size" means the average family size for a block group. This data can be obtained from the U.S. Census Bureau or other federal, state or local governmental demographics.
- (b) "Benefited area" means the geographical area that is protected by a flood management project.
- (c) "Block" means the smallest subdivision within a census geographic tract. This data can be obtained from the U.S. Census Bureau or other federal, State or

- local governmental demographics.
- (d) "Block group" means a cluster of blocks within a census geographic tract. The block group is the smallest census unit to have demographic data. This data can be obtained from the U.S. Census Bureau or other federal, State or local governmental demographics.
 - (e) "Board" means The Central Valley Flood Protection Board.
 - (f) "Department" means the Department of Water Resources.
 - (g) "Department or Board" means the Board for projects over which the Board has jurisdiction, and the Department for all other projects.
 - (h) "Estimated nonfederal capital cost" means that portion in dollars of the estimated total capital cost of a project determined by the U.S. Army Corps of Engineers or by the Natural Resources Conservation Service to be the financial responsibility of participants other than the United States, usually identified in the federal feasibility study report, final design memorandum or other approved federal project document.
 - (i) "Estimated total capital cost" means the total project cost as identified in the final federal feasibility study report, final design memorandum or other approved federal project document. It includes all costs in the federal project subject to cost sharing, such as, construction, planning, engineering and design, construction management, lands, easements, relocations and land disposal and mitigation costs.
 - (j) "federal feasibility study report" means the approved decision document used by the U.S. Army Corps of Engineers or by the Natural Resources Conservation Service, that establishes the feasibility for the project, and typically includes an environmental document prepared under the National Environmental Policy Act.
 - (k) "Impoverished area" means a benefited area that has a median household income less than 120 percent of the poverty level, for the current or most recent year in which data is available at the time the analysis is performed to determine the recommended state cost share.
 - (l) "Median household income" means the median household income for a block group. This data can be obtained from the U.S. Census Bureau or other federal, State or local governmental demographics.
 - (m) "Objective" means the feature, character, or quality described in Water Code Sections 12585.7(d)(1) through 12585.7(d)(5).
 - (1) "Habitat objective" means the objective described in Water Code Section 12585.7(d)(1).
 - (2) "Open Space objective" means the objective described in Water Code Section 12585.7(d)(2).
 - (3) "Recreation objective" means the objective described in Water Code Section 12585.7(d)(3).
 - (4) "Impoverished Area objective" means the objective described in Water Code Section 12585.7(d)(4).
 - (5) "State Facilities objective" means the objective described in Water Code Section 12585.7(d)(5).
 - (n) "Poverty level" means the monetary income standard that defines whether a family qualifies as living in a state of poverty. The poverty level is determined by

using the U.S. Census Bureau's Poverty Thresholds Chart for the current or most recent year in which data is available, average family size and the median household income, at the time the analysis is performed to determine the recommended state cost share. On the Poverty Threshold Chart, the poverty level is determined by rounding up the value of the average family size, locating that rounded up value on the size of family unit column and locating the corresponding value in the weighted average thresholds column. The corresponding weighted average threshold value is considered to be the poverty level value.

- (o) "Project" means a flood management project receiving financial assistance under Chapter 1 through 4, Part 6, Division 6 of the California Water Code and authorized by the Legislature on or after January 1, 2002, or a small flood management project authorized by Water Code Section 12750 for which the Department of Water Resources has made the findings required by Water Code Section 12750.1 on or after January 1, 2002.
- (p) "Sponsor" means the local public agency or lead local public agency sharing in the nonfederal project cost.
- (q) "Sponsor's nonfederal Cost Sharing Report" is a report prepared by the sponsor to document the sponsor's estimates of the contributions of the project to the objectives of Water Code Sections 12585.7(d)(1) through 12585.7(d)(5). The requirements of this report are described in Sections 574 and 575 of these proposed regulations.
- (r) "State transportation facility" means all facilities for the transportation of passengers and property to and over any toll bridge, tube or other highway crossing and the approaches to each end thereof, acquired or constructed, to be acquired or constructed, or in course of construction. State transportation facility includes terminals, stations, viaducts, rails, tracks, power stations, substations and equipment and power supply lines, storage yards, and the real property, easements, and rights of way upon which any of them are located or situated or which are necessary therefore, and equipment, signals and interlockers, cars and rolling stock, and franchises, rights, and privileges appurtenant thereto.
- (s) "State water supply facility" is a State water supply facility listed in Appendix I, "Water Supply Facilities of the State Water Project."
- (t) "State cost share" means the percentage of the nonfederal costs that the state is required to pay pursuant to Water Code Section 12585.7.
- (u) "Tract" means the census derived geographic subdivisions of a county.

Note: Authority: Water Code Sections 12585.7 and 12601.

Reference: Water Code Sections 12582.7 and 12585.7.

Section 572. Process to Determine Project Eligibility

- (a) As soon as practical, a Sponsor shall notify the Department or Board in writing when it intends to participate in a federal feasibility study that would result in a request for State cost sharing for a flood damage reduction project. The Department will need to be notified for a project that is in the state of California

but not on lands along the Sacramento and San Joaquin River and their tributaries and distributaries for which the Board had given assurances to the federal government. Otherwise, the Board will need to be notified for projects on lands along the Sacramento and San Joaquin River and their tributaries and distributaries for which the Board has given assurances to the federal government or will provide the State cost sharing. Following the notification and throughout the course of the study, the Department or Board staff shall review the initial scoping process, feasibility evaluation, environmental review, and project approval process to inform the Sponsor when the opportunities for including multipurpose objectives in the project have been adequately evaluated. While developing recommendations regarding the State cost share, the Department or Board may consult with the Sponsor, any person or organization, local agencies, and State agencies with an interest in or jurisdiction over any of the objectives of the project.

- (b) The Department or Board shall use the following process to determine project eligibility for State cost-sharing as required by Water Code Section 12582.7(b):
- (1) During the preparation of the federal feasibility report, the Department or Board staff shall attend a site inspection tour of the project arranged by the Sponsor. If the project is past the feasibility phase, then the Sponsor shall arrange for this tour as soon as reasonably possible. The Sponsor shall invite interested local and state agencies, organizations and persons, including the general public, by providing written or other reasonable notifications and publication at least 10 calendar days before the tour. The Sponsor shall give a field and informational tour of the project. This site tour and Department or Board attendance is contingent upon the appropriation of sufficient funds.
 - (2) Within 120 days after the site inspection tour, the Department or Board shall provide the Sponsor with a written preliminary determination of eligibility for State participation and an estimate of the percent of the State cost share.

Note: Authority: Water Code Sections 12585.7 and 12601.

Reference: Water Code Sections 12582.7 and 12585.7.

Section 573. Contents of Sponsor's Draft Nonfederal Cost-Sharing Report

The Sponsor's Draft Nonfederal Cost-Sharing Report shall contain the following substantiating information taken from the federal feasibility study report and other supporting documents:

- (a) A description of the project.
- (b) The project's proposed contribution for each of the multipurpose objectives:
 - (1) For the habitat objective:
 - (A) A narrative description of the elements of the project that contribute to the habitat objective and the types of habitat that are created, protected or enhanced by this project; and

- (B) The method of calculating the percentage of the estimated nonfederal capital costs that contribute to the habitat objective.
- (2) For the open space objective:
 - (A) A narrative description of the elements of the project that contribute to the open Space objective; and
 - (B) The method of calculating the percentage of estimated nonfederal capital costs that contribute to the open space objective.
- (3) For the recreation objective:
 - (A) A narrative description of the elements of the project that contribute to the recreation objective;
 - (B) The method used to calculate the accessible and inaccessible areas of project works, and the method of determining any areas withdrawn from public access because such access would constitute a threat to public safety or habitat, or would constitute a trespass on private property; and
 - (C) The method of calculating the percentage of the estimated nonfederal capital costs that contributes to the recreation objective.
- (4) For the impoverished area objective:
 - (A) A narrative description of the elements of the project that contribute to the impoverished area objective; and
 - (B) The rationale used in determining the project's contribution towards the impoverished area objective.
 - 1. The method used to calculate the project's contribution towards the impoverished area objective. Provide detailed calculations regarding the increased level of flood protection for the benefited area, median household income and poverty level determination.
 - 2. The source documentation used to evaluate the potential contribution, including publication and compilation dates. The latest decennial U.S. Census Bureau data is the Department's preferred choice of data source; however, a Sponsor may elect to use an alternative method that has been certified as equitable by the Department, such as the American Community Survey (starting in 2010). All data that is used for evaluation must be applicable to the same year, originate from reliable sources and have details given down to the census block group level or better.
 - 3. A map of the benefited area clearly showing identified boundaries of flood protection levels and census blocks, block groups and tracts. Blocks chosen for evaluation must lie at least 50 percent within the benefited area.
- (5) For the state facilities objective:
 - (A) A narrative description of the state water supply and state transportation facilities receiving an increase in flood protection from this project; and
 - (B) The rationale used in determining the project's contribution towards the state water supply and transportation facilities objective.
 - 1. The method used to calculate the project's contribution towards the state facilities objective. Provide specific details regarding flood protection improvement and the effect upon water supply and transportation facilities.

2. A map of the benefited area clearly showing identified boundaries of flood protection levels and state water supply and state transportation facilities.

(c) The following estimated costs:

- (1) Total capital cost;
- (2) The nonfederal share of the total capital cost;
- (3) The nonfederal capital costs of fish, wildlife, and recreation mitigation;
- (4) The nonfederal planning and engineering costs;
- (5) The total annual value of the benefit of providing flood protection; and
- (6) The annual cost of the project allocable to flood management when the project increases the level of flood protection for state facilities.

- (d) The Sponsor's estimated share of the capital cost of the project towards each of the five multipurpose objectives (Water Code 12585.7d (1) through d(5)).

Note: Authority: Water Code Sections 12601.

Reference: Water Code Sections 12582.7 and 12585.7.

Section 574. Method to Determine a Significant Contribution of a Project to the Objectives

- (a) The Sponsor's Draft Nonfederal Cost-Sharing Report will be reviewed by an interdisciplinary Department or Board team comprised of at least three technical experts in the area of flood management and Habitat, Open Space and/ or Recreation. After the technical review, the evaluation team will provide a narrative explanation for the project's total contribution level and the percentages of nonfederal capital costs assigned to each of the multipurpose objectives. The method of calculating the total Recommended State cost share is provided in Section 575.
- (b) The threshold for significant contributions for the Open Space, Habitat and Recreation objectives must be met when a minimum of 5 percent of the nonfederal capital costs are spent for meeting an objective. Nonfederal capital costs spent for meeting an objective cannot be considered as applying towards any other objective. A project with less than 5 percent of the nonfederal capital costs allocated to Open Space, Habitat, or Recreation objective does not meet the criteria for a significant contribution.
- (c) Significant contributions to both the Impoverished Area and State Facilities objectives must be met when a project with provides a ten percent or greater increase in flood protection to the Impoverished Area and State Facilities.
- (d) The Department or Board team review process will use the following criteria to determine the costs associated with meeting the level of contribution for each of the multipurpose project objectives:

- 1) Habitat objective. A significant contribution for the Habitat objective requires that at least 5 percent of the project's estimated nonfederal capital costs are contributed towards protecting, creating, enhancing, or providing opportunities for enhancing endangered species, riparian, aquatic, terrestrial, or other important habitats. These habitat improvements must achieve any of the following objectives beyond what is required to mitigate the project's effects on the environment:
 - (A) Promote recovery of at-risk native fish, vegetation or wildlife species;
 - (B) Improve ecological functions of aquatic and/or terrestrial habitats to support sustainable populations of diverse fish, vegetation, and wildlife species;
 - (C) Improve conditions for upstream migration, spawning, egg incubation, emergence, rearing and emigration of priority fish species through adjustment of river flows and temperature;
 - (D) Cause increases in early lifestage survival for priority fish species;
 - (E) Improve fish passage through modification or removal of barriers;
 - (F) Influence geomorphic processes within the floodplain in a manner that improves habitat or reduces the potential for fish stranding;
 - (G) Enhance natural processes to support, with minimal human intervention, natural habitats that support native species;
 - (H) Remove and/ or prevent the establishment of non-native species; or
 - (I) Provide other important habitat restoration opportunities.
- 2) Open Space objective. A significant contribution for the Open Space objective requires that at least 5 percent of the project's estimated nonfederal capital costs are contributed towards the acquisition and preservation of agricultural or other undeveloped lands that provide for the conveyance and/ or storage of flood waters, groundwater recharge, recreational, or wildlife habitat use. Such lands may be acquired in fee or in the form of a flowage or other open space easement that secures the rights necessary for the conveyance and/ or storage of flood waters. These open space improvements shall achieve any of the following objectives beyond what is required to mitigate the project's effects on the environment:
 - (A) Preserve cultural/historical, scenic, agricultural, or habitat values;
 - (B) Serve as a buffer zone between potentially conflicting land uses;
 - (C) Facilitate sediment management;
 - (D) Promote groundwater recharge;
 - (E) Provide a linkage between open space areas; or
 - (F) Provide other important open space attributes.
- 3) Recreation objective. A significant contribution for the Recreation objective requires that at least 5 percent of the project's estimated nonfederal capital costs are contributed towards recreational improvements such as picnic areas, foot and bike paths and provides public access to all or nearly all of the project works, except those areas where public access would constitute a threat to public safety or habitat or would constitute a trespass on private property. These recreation improvements shall achieve any of the following

objectives beyond what is required to mitigate the project's effects on the environment:

- (A) Develop and maintain trails for pedestrians, bicycles, and/or equestrians;
 - (B) Modify the operation of flood control facilities to increase the diversity and duration of recreational opportunities;
 - (C) Enhance the condition and quality of existing recreational facilities;
 - (D) Provide facilities for rafting, canoeing, boating, fishing, viewing wildlife, swimming or other water dependent activities;
 - (E) Provide interpretive facilities and services that enhance visitor appreciation of natural, historical, and cultural resources;
 - (F) Relocate major trails to avoid flooding so that they may remain open all year;
 - (G) Enhance public beach areas;
 - (H) Provide linkage between recreational areas; or
 - (I) Provide other important public recreation opportunities.
- (4) Impoverished Area objective. A significant contribution for the Impoverished Area objective requires that: 1) the benefited area receives a 10 percent increase in flood protection and 2) the benefited area's median household income is less than 120 percent of the poverty level. The increase in flood protection will be determined from the federal Feasibility Study Report. If U.S. Census Bureau website data is chosen, then the following steps will be used to determine if the median household income is less than 120 percent of the poverty level:
- (A) The benefited area will be evaluated to determine the applicable block groups.
 - (B) For the applicable block groups, the median household income and average family size will be determined.
 - (C) The average family size, rounded up to the next integer, will be used on the latest decennial Poverty Threshold Chart to locate the corresponding poverty level on the chart's weighted average threshold column.
 - (D) The median household income will be compared to 120 percent of the poverty level.

The Sponsor may choose an alternative calculation method for the Impoverished Area objective, such as the American Community Survey (starting in 2010). That method must be certified as acceptable to the Department of Finance prior to any consequent Department evaluations.

- (5) State Facilities objective. A significant contribution for the State Facilities objective requires that State transportation facilities or State water supply facilities receive a 10 percent increase in flood protection. The increase in flood protection will be determined from the federal Feasibility Study Report, or from supplemental information as appropriate.

Note: Authority: Water Code Sections 12585.7 and 12601.

Reference: Water Code Section 12585.7.

Section 575. Method for Determining Recommended State Cost Share

The recommended State cost share is a baseline 50 percent plus the recommended percentage increases for the multipurpose objectives, up to a maximum total of 70 percent, notwithstanding any other provisions stated within the Water Code, Division 6, Part 6, Chapters 1, 2 and 3. The recommended percentage increases will be:

- (a) 0 percent, if the objectives are not met;
- (b) 5 percent for each Habitat, Open Space, or Recreation significant contribution when at least 5 percent and less than 10 percent of the nonfederal capital costs are spent for meeting an objective;
- (c) 10 percent for each, Habitat, Open Space or Recreation significant contribution when the percent of the nonfederal capital costs spent for meeting an objective is at least 10 percent;
- (d) 10 percent for each Impoverished Area or State Facilities objective significant contribution.

Note: Authority: Water Code Sections 12585.7 and 12601.

Reference: Water Code Section 12585.7.

Section 576. Report to the Legislature

- (a) Once the project is federally authorized, the Sponsor will finalize and submit a Nonfederal Cost Sharing Report to the Department or Board. The Local Sponsoring Agency will notify the Department when a project that does not involve lands along the Sacramento and San Joaquin River and their tributaries and distributaries may be eligible for State financial assistance; and will notify the Board of a project that involves lands along the Sacramento and San Joaquin River and their .0tributaries and distributaries for which the Board has given assurances to the federal government or will provide the State cost sharing. This report must document the effect of the project's Nonfederal capital contributions to the multipurpose objectives using the methods set forth in Sections 573 and 574, and estimate the cost to the State for the State's share of the Nonfederal capital costs of the project.
- (b) The Department or Board will review the Sponsor's Nonfederal Cost Sharing Report for completeness and accuracy, and, if necessary, return it to the Sponsor for revisions based upon comments and recommendations of the Department or Board. The Department or Board must notify the Sponsor in writing upon determination that the Sponsor's Nonfederal Cost Sharing Report meets the requirements set forth in 12582.7(a).
- (c) Within 30 days of determining that the Sponsor's Nonfederal Cost Sharing Report meets the requirements set forth in 12582.7(a), the Sponsor must circulate the Sponsor's Nonfederal Cost Sharing Report to the Legislature and

- interested persons and organizations, and will allow written comments for 45 days.
- (d) The Sponsor will submit the following documents to the Department or Board: a Sponsor's Nonfederal Cost Sharing Report, including a response to public comments; and supporting documentation:
- (1) For each objective, the level of the project's contribution and substantiating data listed in Sections 573 and 574.
 - (2) Team review recommended State cost share approved by the Department or Board.
 - (3) Substantiating data to demonstrate whether the project meets the requirements set forth in Water Code Sections 12582.7(a) and 12585.9 regarding the mitigation of individual or cumulative hydraulic impacts.
 - (4) Supporting documentation including but not limited to Federal Feasibility Report and environmental documents.
- (e) The Department or Board will approve a final recommended State cost share and forward the final Report and supporting documentation to the Legislature.

Note: Authority: Water Code Sections 12582.7, 12585.7, 12585.9 and 12601.
Reference: Water Code Sections 12585.7.

Section 577. Finality of Authorized State Cost Share; Adjustment

The State cost share authorized by the Legislature will be the final value, except in the circumstances described below.

- (a) If the Department or Board determines that there has been a substantial change in the project, which would materially alter the scope or function of a project, or the estimated total project cost has changed by 30 percent or more, the contributions to the objectives and the recommended State cost share must be recalculated using the methods described in Section 574 and 575. If the resulting recommended State cost share is different than the previously authorized State cost share, the Department or Board will submit the revised information to the Legislature as an addendum to the report as required by Water Code Subsection 12582.7(b). The addendum must include all the items required in Section 576.
- (b) If the Legislature authorizes a new State cost share that is less than the previously authorized State cost share, then the new State cost share will apply, and the Department and the Board may seek a refund of project reimbursements made or withhold further reimbursements until the revised contribution percentage is achieved.
- (c) If the Legislature authorizes a new State cost share that is more than the previously authorized State cost share, then the new State cost share will apply and the Department or Board must pay additional costs authorized by the Legislature as funds may be available.

Note: Authority: Water Code Sections 12582.7, 12585.7 and 12601.
Reference: Water Code Sections 12585.7.

Appendix I
Water Supply Facilities of the State Water Project

Part A. Aqueducts of the State Water Project, including joint use facilities:

<p><u>1. Upper Feather River Division</u></p> <p><u>a. Grizzly Valley Pipeline</u></p> <p><u>2. Oroville Division</u></p> <p><u>a. Thermalito Power Canal</u></p> <p><u>3. North Bay Aqueduct</u></p> <p><u>a. Napa Pipeline</u></p> <p><u>b. Phase II Pipeline</u></p> <p><u>4. South Bay Aqueduct</u></p> <p><u>a. Brushy Creek Pipeline</u></p> <p><u>b. Dyer Canal</u></p> <p><u>c. Altamont Pipeline</u></p> <p><u>d. Livermore Valley Canal</u></p> <p><u>e. Alameda Canal</u></p> <p><u>f. Del Valle Pipeline</u></p> <p><u>g. Del Valle Branch Pipeline</u></p> <p><u>h. La Costa Tunnel</u></p> <p><u>i. Sunol Pipeline</u></p> <p><u>j. Mission Tunnel</u></p> <p><u>k. Santa Clara Pipeline</u></p> <p><u>5. Governor Edmund G. Brown California Aqueduct</u></p> <p><u>6. San Luis Division</u></p> <p><u>a. E.G. Brown California Aqueduct</u></p> <p><u>b. San Luis Canal</u></p> <p><u>6. South San Joaquin Division</u></p> <p><u>a. E.G. Brown California Aqueduct</u></p> <p><u>7. Tehachapi Division</u></p> <p><u>a. Tehachapi Tunnel No. 1</u></p> <p><u>b. Tehachapi Siphon No. 1</u></p> <p><u>c. Tehachapi Tunnel No. 2</u></p> <p><u>d. Pastoria Siphon</u></p> <p><u>e. Tehachapi Tunnel No. 3</u></p> <p><u>f. Carley V. Porter Tunnel</u></p> <p><u>8. Mojave Division</u></p> <p><u>a. Cottonwood Chutes</u></p> <p><u>b. Mojave Siphon</u></p> <p><u>c. Mojave Siphon Second Pipeline</u></p> <p><u>d. Mojave Siphon Powerplant Tunnel</u></p> <p><u>e. East Branch Aqueduct</u></p>	<p><u>9. Santa Ana Division</u></p> <p><u>a. San Bernardino Tunnel</u></p> <p><u>b. Santa Ana Pipeline</u></p> <p><u>10. West Branch</u></p> <p><u>a. Oso Canal</u></p> <p><u>b. Quail Canal</u></p> <p><u>c. Lower Quail Canal</u></p> <p><u>d. Peace Valley Pipeline</u></p> <p><u>e. Gorman Creek Channel Improvements</u></p> <p><u>f. Angeles Tunnel</u></p> <p><u>11. Coastal Branch</u></p> <p><u>a. Coastal Aqueduct</u></p> <p><u>b. Phase I Canal</u></p> <p><u>c. Phase II Pipeline:</u></p> <p><u>A. Reach No. 1 - Devil's Den to Cholame Valley</u></p> <p><u>B. Reach No. 2 - Cholame Valley to Shedd Canyon</u></p> <p><u>C. Reach No. 3 - Shedd Canyon to Calf Canyon</u></p> <p><u>D. Reach No. 4 - Calf Canyon to Cuesta Canyon</u></p> <p><u>E. Cuesta Tunnel</u></p> <p><u>F. Reach No. 5A1 - Cuesta Tunnel to Fiscalini Ranch</u></p> <p><u>G. Reach No. 5A2 - Fiscalini Ranch to Talley Farms</u></p> <p><u>H. Reach No. 5B- Talley Farms to Nipomo</u></p> <p><u>I. Reach No. 6 - Nipomo to Vandenberg Air Force Base</u></p>
--	--

Part B. Hydroelectric or pumping plants of the State Water Project:

<ul style="list-style-type: none">1. <u>Oroville Division</u><ul style="list-style-type: none">a. <u>Edward Hyatt Powerplant</u>b. <u>Thermalito Powerplant</u>c. <u>Thermalito Diversion Dam Powerplant</u>d. <u>Sutter-Butte Outlet Powerplant</u>2. <u>North Bay Aqueduct</u><ul style="list-style-type: none">a. <u>Barker Slough Pumping Plant</u>b. <u>Cordelia Pumping Plant</u>3. <u>South Bay Aqueduct</u><ul style="list-style-type: none">a. <u>South Bay Pumping Plant</u>b. <u>Del Valle Pumping Plant</u>4. <u>North San Joaquin Division</u><ul style="list-style-type: none">a. <u>Harvey O. Banks Delta Pumping Plant</u>5. <u>San Luis Division</u><ul style="list-style-type: none">a. <u>William R. Gianelli Pumping – Generating Plant</u>b. <u>Dos Amigos Pumping Plant</u>6. <u>South San Joaquin Division</u><ul style="list-style-type: none">a. <u>Buena Vista Pumping Plant</u>b. <u>John R. Teerink Wheeler Ridge Pumping Plant</u>c. <u>Ira J. Chrisman Wind Gap Pumping Plant</u>	<ul style="list-style-type: none">7. <u>Tehachapi Division</u><ul style="list-style-type: none">a. <u>A.D. Edmonston Pumping Plant</u>8. <u>Mojave Division</u><ul style="list-style-type: none">a. <u>Alamo Powerplant</u>b. <u>Pearblossom Pumping Plant</u>c. <u>Mojave Siphon Powerplant</u>9. <u>Santa Ana Division</u><ul style="list-style-type: none">a. <u>Devil Canyon Powerplant</u>10. <u>West Branch</u><ul style="list-style-type: none">a. <u>Oso Pumping Plant</u>b. <u>William E. Warne Powerplant</u>c. <u>Castaic Powerplant</u>11. <u>Coastal Branch</u><ul style="list-style-type: none">a. <u>Las Perillas Pumping Plant</u>b. <u>Badger Hill Pumping Plant</u>c. <u>Devil's Den Pumping Plant</u>d. <u>Bluestone Pumping Plant</u>e. <u>Polonio Pass Pumping Plant</u>
--	---

Part C. Reservoirs or dams of the State Water Project:

<ul style="list-style-type: none">1. <u>Upper Feather River Division</u><ul style="list-style-type: none">a. <u>Frenchman Dam</u>b. <u>Frenchman Lake</u>c. <u>Antelope Dam</u>d. <u>Antelope Lake</u>e. <u>Grizzly Valley Dam</u>f. <u>Lake Davis</u>2. <u>Oroville Division</u><ul style="list-style-type: none">a. <u>Oroville Dam</u>b. <u>Lake Oroville</u>c. <u>Parish Camp Saddle Dam</u>d. <u>Bidwell Canyon Saddle Dam</u>e. <u>Feather River Fish Barrier Dam</u>f. <u>Thermalito Diversion Dam</u>g. <u>Thermalito Diversion Pool</u>	<ul style="list-style-type: none">6. <u>San Luis Division</u><ul style="list-style-type: none">a. <u>O'Neill Dam</u>b. <u>O'Neill Forebay</u>c. <u>B.F. Sisk San Luis Dam</u>d. <u>San Luis Reservoir</u>e. <u>Los Banos Detention Dam</u>f. <u>Los Banos Reservoir</u>g. <u>Little Panoche Detention Dam</u>h. <u>Little Panoche Reservoir</u>i. <u>Arroyo Pasajero Impoundment Basin</u>7. <u>Tehachapi Division</u><ul style="list-style-type: none">a. <u>Tehachapi Afterbay</u>8. <u>Mojave Division</u><ul style="list-style-type: none">a. <u>Cedar Springs Dam</u>
--	--

<u>h. Thermalito Forebay Dam</u> <u>i. Thermalito Forebay</u> <u>j. Thermalito Afterbay Dam</u> <u>k. Thermalito Afterbay</u> <u>3. North Bay Aqueduct</u> <u>a. Napa Turnout Reservoir</u> <u>b. Cordelia Forebay</u> <u>4. South Bay Aqueduct</u> <u>a. Patterson Reservoir</u> <u>b. Del Valle Dam</u> <u>c. Lake Del Valle</u> <u>5. North San Joaquin Division</u> <u>a. Clifton Court Forebay Dam</u> <u>b. Clifton Court Forebay</u> <u>c. Bethany Dams</u> <u>d. Bethany Reservoir</u>	<u>b. Silverwood Lake</u> <u>9. Santa Ana Division</u> <u>a. Devil Canyon Powerplant</u> <u>Afterbay</u> <u>b. Devil Canyon Powerplant</u> <u>Second Afterbay</u> <u>c. Perris Dam</u> <u>d. Lake Perris</u> <u>10. West Branch</u> <u>a. Quail Lake</u> <u>b. Pyramid Dam</u> <u>c. Pyramid Lake</u> <u>d. Elderberry Forebay</u> <u>e. Elderberry Forebay Dam</u> <u>f. Castaic Dam</u> <u>g. Castaic Lake</u>
---	---

Part D. Other water supply facilities of the State Water Project:

<u>1. Oroville Division</u> <u>a. Oroville Area Control Center</u> <u>2. North Bay Aqueduct</u> <u>a. Cordelia Surge Tank</u> <u>b. Creston Surge Tank</u> <u>c. Travis Surge Tank</u> <u>3. South Bay Aqueduct</u> <u>a. Santa Clara Terminal Facilities</u> <u>4. North San Joaquin Division</u> <u>a. Delta Area Control Center</u> <u>5. San Luis Division</u> <u>a. San Luis Area Control Center</u> <u>6. South San Joaquin Division</u> <u>a. Kern River Intertie</u> <u>b. San Joaquin Area Control Center</u> <u>7. Mojave Division</u> <u>a. First Los Angeles Aqueduct</u> <u>Connection</u> <u>a. Cedar Springs Dam Maintenance</u> <u>Station</u>	<u>8. Santa Ana Division</u> <u>a. San Bernardino Tunnel Intake</u> <u>Structure</u> <u>b. Perris Dam Maintenance Station</u> <u>9. West Branch</u> <u>a. Angeles Tunnel Intake Works</u> <u>b. Southern California Area Control</u> <u>Center</u> <u>10. East Branch</u> <u>a. First Los Angeles Aqueduct</u> <u>Connection</u> <u>11. Coastal Branch</u> <u>a. Tank Site 1 - Polonio Pass</u> <u>b. Tank Site 2 - Creston</u>
---	--